LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (withdrawn): A composition comprising a substrate comprising an array of capture probes, at least one of which comprises a recombinase.

2. (withdrawn): A composition according to claim 1 wherein a plurality of said probes are coated with a recombinase.

3. (withdrawn): A composition according to claim 1 or 2 wherein said recombinase is a RecA recombinase.

4. (withdrawn): A composition according to claim 3 wherein said RecA recombinase is E. coli RecA.

5. (withdrawn): A composition according to claim 3 wherein said RecA recombinase is RecA peptide.

6. (withdrawn): A composition according to claim 1 wherein said recombinase is a Rad51 recombinase.

7. (withdrawn): A composition according to claim 1 wherein said capture probes are covalently attached to said substrate.

8. (withdrawn): A composition according to claim 1 wherein said capture probes comprise DNA.

9. (previously presented): A method of detecting a target sequence in a sample comprising:

(a) providing a substrate comprising an array of capture probes coated with a recombinase;

(b) contacting said target sequence with said array, to form an assay complex; and

(c) detecting said assay complex to detect said target sequence in said sample.

10. (original): A method according to claim 9 wherein said recombinase is a recA recombinase.

11. (original): A method according to claim 10 wherein said recA recombinase is E. coli recA.

12. (original): A method according to claim 9 wherein said capture probes comprise said recombinase.

13 (original): A method according to claim 9 wherein said target sequence comprises said recombinase.

14. (original): A method according to claim 13 further comprising coating said target sequence with said recombinase.

15. (original): A method according to claim 9 wherein said target sequence is RNA.

16. (original) A method according to claim 15 wherein said RNA is coated with a recombinase.